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NOTES:

1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.

2 INSTALL F/N 14 WITH F/N 52 & 53.

A 3 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMASTER-CARR P/N 75935A651.

4 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.

5 REUSE FASTENERS FROM F/N 1.

6 USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.

7 AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.

8 INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT. REMOVE SHIM LAYERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.

B 9 NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

	5		5		5	78	601.3875	SCREW	MS24694554	1	
	1		1		1	77	646.9410	SHIM	AN3-12A		
			4		4	76	601.2764	WASHER	NAS1149F0332P		
			2		2	75	601.2973	LOCKNUT	MS21042-08		
			2		2	74	601.2988	SCREW	MS27039-0813		
			2		2	73	601.2943	LOCKNUT	MS21042-3		
			2		2	72	601.3128	NUT	AN316C4R		
			2		2	71	601.3209	LOCKNUT	MS21042L4		
			4		4	70	601.2638	WASHER	NAS1149F0432P		
			2		2	69	601.2669	BOLT	AN4C7A		
			2		2	68	601.3119	CLEVIS	AN665-34R		
			2		2	67	601.3121	EYE BOLT	AN44-5A		
			2		2	66	650.9201	EYE BRACKET ASSY			
	REF	REF		REF	65	647.5701	GPS MOUNT KIT	AN3-12A			
				2	64	601.3151	WASHER	NAS1149F0363P			
			2		63	601.2911	SCREW	MS24694553			
		24		24	62	601.2637	SCREW	MS27039-1-16			
2		2		2	61	601.2763	BOLT	AN3-12A			
		1		1	60	646.3913	SHIM				
		4		4	59	646.3912	SHIM				
		1		1	58	646.3911	SHIM				
		4		4	57	646.3910	SHIM				
		5		5	56	600.1013	PRIMER				
		8 FT		8 FT	55	600.0129	VHB TAPE				
		1	1	1	54	600.1012	SEALANT	PR-1425 CLASS B			
		1		1	53	600.0991	MAGNOBOND 6398 PART B	AN3-11A			
		1		1	52	600.0990	MAGNOBOND 6398 PART A				
6		10		10	51	601.2826	BOLT				
			2		50	646.3814	WIPER BRACKET				
			2		49	601.2910	SCREW	MS27039-1-18			
	2			2	48	601.1365	SCREW	MS27039-1-10			
	2			2	47	646.3719	DOUBLER				
		2		2	46	646.3718	CUSTOM WASHER				
		1		1	45	646.3717	DOUBLER				
		22	2	22	44	601.1948	SCREW	MS27039-1-19			
			2		43	601.1952	SCREW	MS27039-1-20			
			4		42	601.1956	SCREW	MS27039-1-21			
.4006	.4005	.4004	.4003	.4002	.4001	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.	

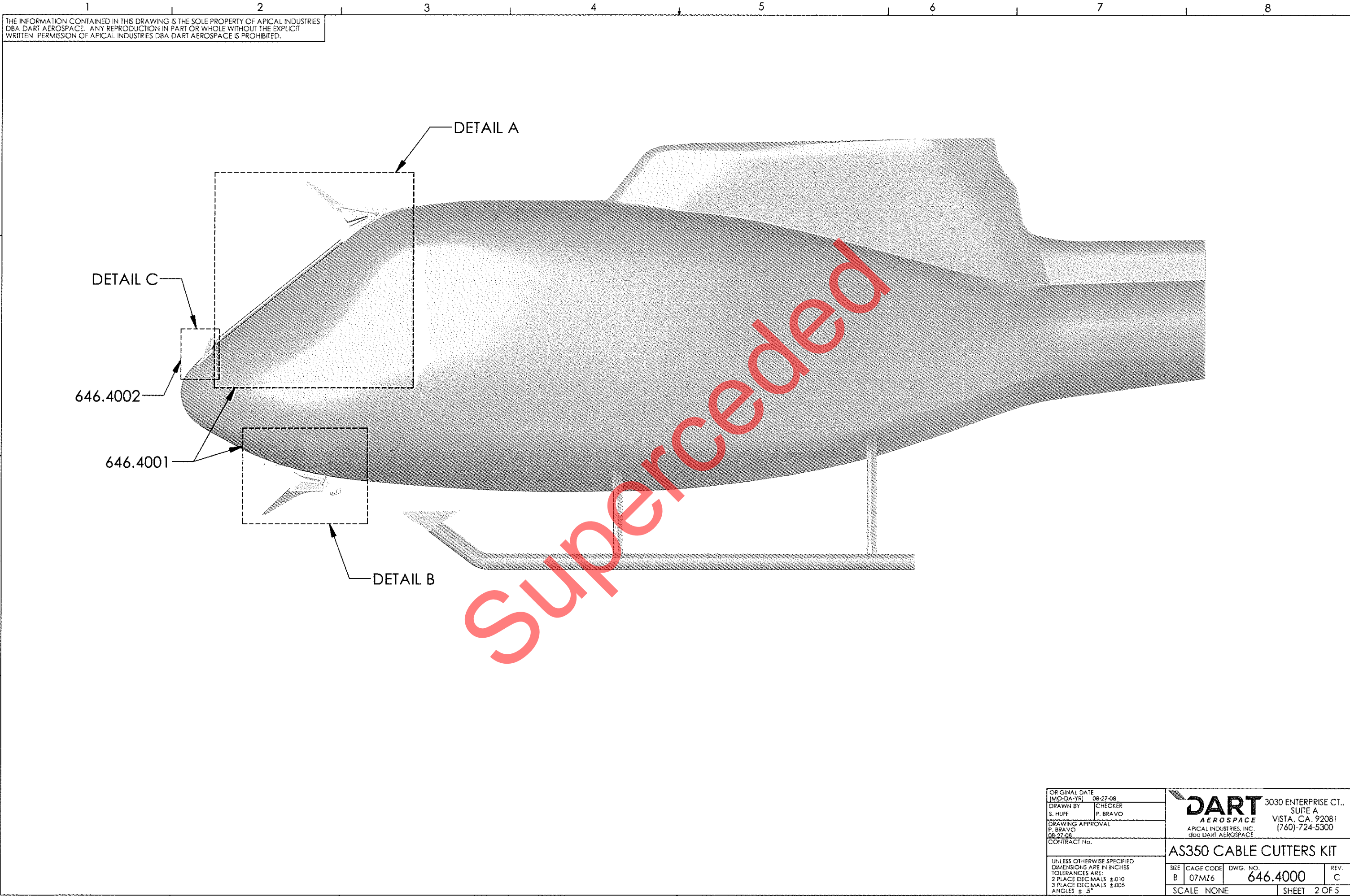
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECNS 02199, 02351, 02719 & 02765	02/08/2010	P. BRAVO
B	INCORPORATED ECN 03046, 03079 & 04731	11/04/2014	P. BRAVO
C	INCORPORATED ECN 05098	09/09/2015	P. BRAVO

			2		2	41	601.2829	SCREW	MS24694554		
			2		2	40	601.2831	RIVET	MS20426AD5-7		
			1		1	39	646.3716	GAUGE BRACKET			
			6		6	38	601.1953	SCREW	MS27039-1-12		
		2		2	2	37	646.3715	STRUT DOUBLER			
	2		2		2	36	601.2824	BOLT	AN3-5A		
12		36			36	35	601.2277	RIVET	CCR26455-3-02		
6		18			18	34	600.0795	NUTPLATE	MS21047-3		
3		3			3	33	601.2565	RIVET	MS20470AD5-7		
1		1			1	32	646.3813	STRUT BRACKET			
4		4			4	31	601.2822	BOLT	AN3-3A		
2		2			2	30	646.3812	GUSSET BRACKET			
8		8			8	29	601.2564	RIVET	MS20470AD5-6		
1		1			1	28	646.3714	GUSSET			
	1		1		1	27	646.3610	FILLER			
	3		3		3	26	601.2830	SCREW	MS24694555		
	2		2		2	25	601.2825	BOLT	AN3-6A		
	1		1		1	24	646.3811	RADIUS BLOCK			
	1		1		1	23	646.3712	CLIP			
	1		1		1	22	646.3711	CLIP			
8		8			8	21	601.2832	RIVET	MS20470AD5-5.5		
14		14			14	20	601.2020	RIVET	CR3213-5-3		
4	6	4	6		10	19	601.2823	BOLT	AN3-4A		
	1		1		1	18	601.2827	BOLT	AN3-13A		
	5		5		5	17	601.2912	SCREW	MS24694551		
1		1			1	16	646.3713	GUSSET			
1		1			1	15	646.3210	SUPPORT			
		1			1	14	646.3710	DOUBLER			
	1		1		1	13	646.3110	CHANNEL			
14	10	8	53	6	61	12	601.1624	LOCKNUT	MS21042L3		
16	32	18	120	16	144	11	601.1607	WASHER	NAS1149F0332P		
				1		10	646.3410	LH WIPER DEFLECTOR			
				1		9	646.3411	RH WIPER DEFLECTOR			
			2		2	8	647.7703	STRUT ASSY			
			2		2	7	647.0112	STRUT BRACKET			
	1		1		1	6	646.3511	STRUT			
	1		1		1	5	646.3510	STRUT			
2		2			2	4	646.3810	BRACKET			
			1		1	3	646.2910	DEFLECTOR			
	1		1		1	2	646.3001	LOWER CUTTER ASSY			
			1		1	1	646.3301	UPPER CUTTER ASSY			
X							646.4006	LOWER CUTTER FIXED PROVISIONS			
	X						646.4005	LOWER CUTTER REMOVABLE PROVISIONS			
		X					646.4004	FIXED PROVISIONS KIT			
			X				646.4003	CABLE CUTTERS KIT WITHOUT FIXED PROVISIONS			
				X			646.4002	AS350 WIPER DEFLECTOR KIT			
					X		646.4001	AS350 CABLE CUTTERS KIT			
.4006	.4005	.4004	.4003	.4002	.4001	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.	

QTY		PARTS LIST	
NEXT ASSY (\$)		ORIGINAL DATE (MO-DA-YR) 08-27-08	
		DRAWN BY S. HUFF	CHECKER P. BRAVO
		DRAWING APPROVAL P. BRAVO 08-27-08	
		CONTRACT No.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ± .5°	
SIZE B	CAGE CODE 07M26	DWG. NO. 646.4000	REV. C
SCALE NONE		SHEET 1 OF 5	

DART 3030 ENTERPRISE CT., SUITE A
AEROSPACE VISTA, CA. 92081
APICAL INDUSTRIES, INC. (760)-724-5300
DBA DART AEROSPACE

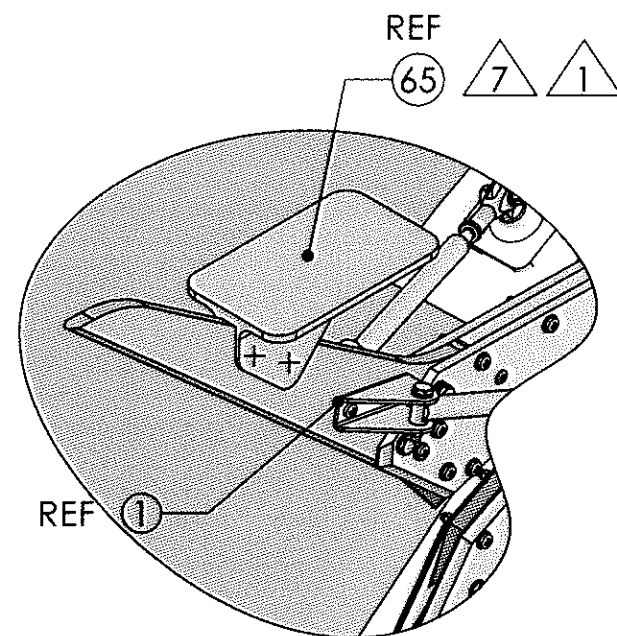
AS350 CABLE CUTTERS KIT



ORIGINAL DATE [MO-DA-YR] 08-27-08		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. HUFF	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 08-27-08		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AS350 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. C
		CAGE CODE 07M26	DWG. NO. 646.4000
		SCALE NONE	SHEET 2 OF 5

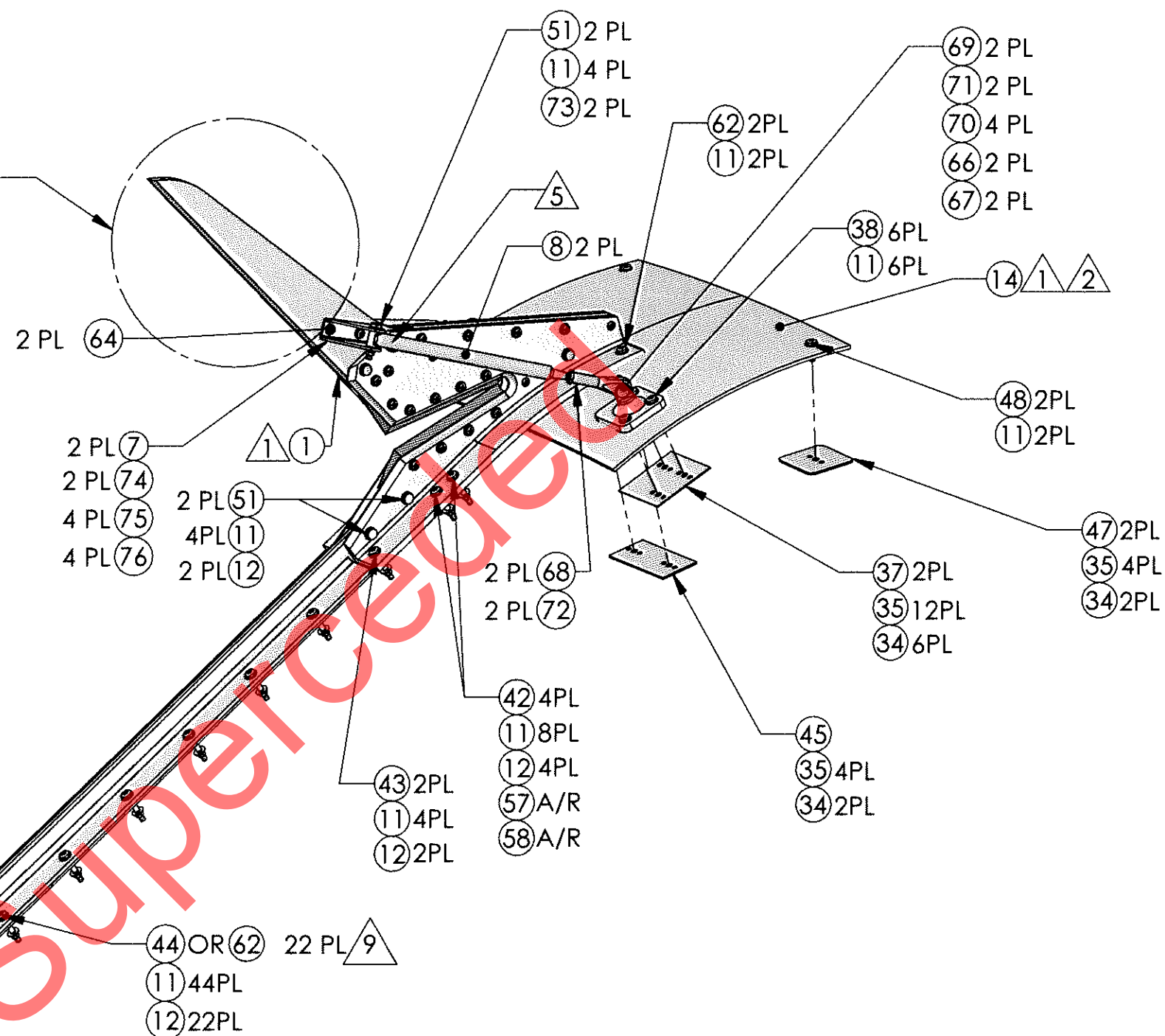
1 2 3 4 5 6 7 8

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DETAIL D
TYPICAL GPS MOUNT KIT INSTALLATION

DETAIL D

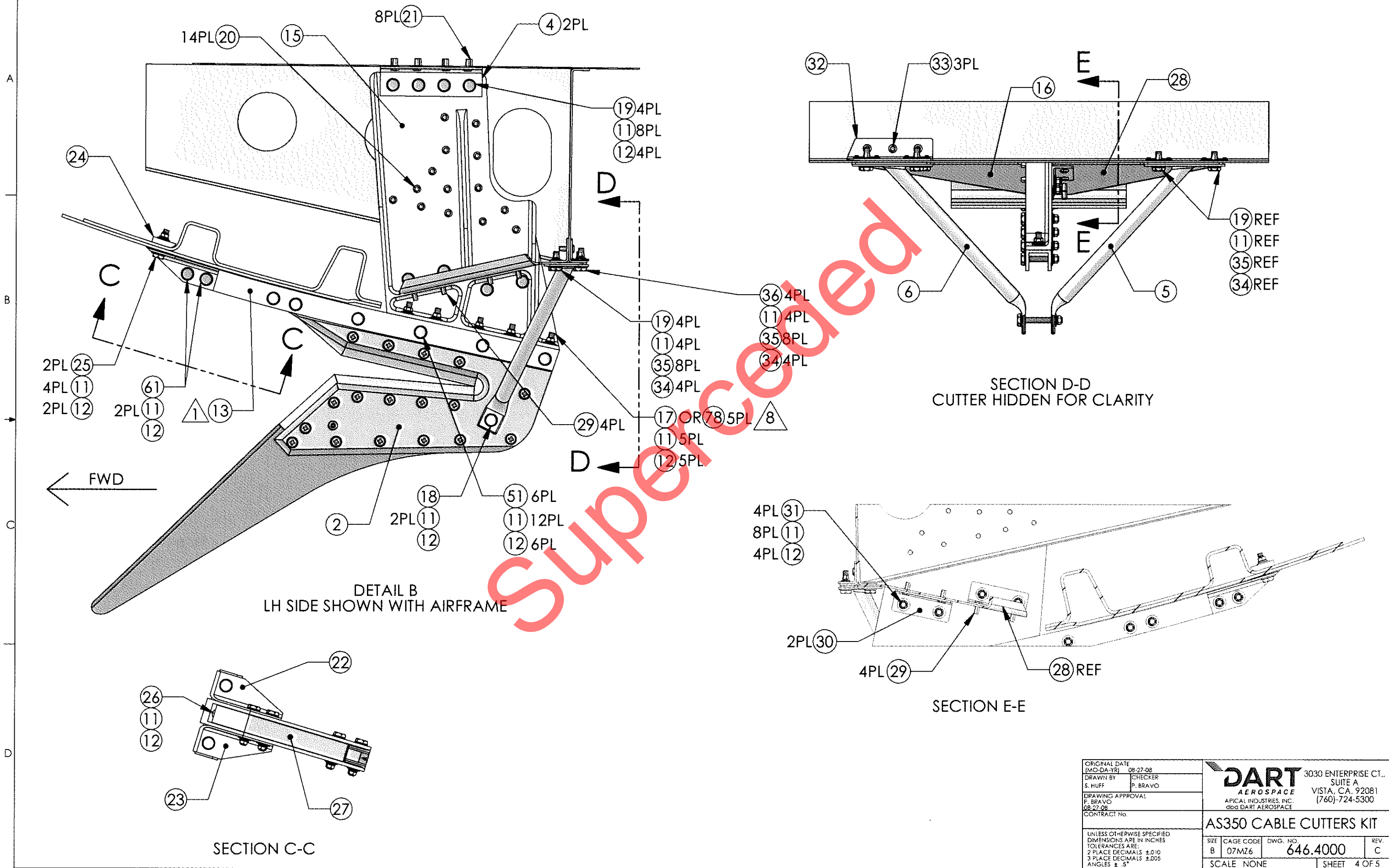



DETAIL A
SHOWN ISOMETRICALLY

ORIGINAL DATE (MO-DA-YR) 08-27-08	DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300		
DRAWN BY S. HUFF	CHECKER P. BRAVO	APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWING APPROVAL P. BRAVO	08-27-08	AS350 CABLE CUTTERS KIT	
CONTRACT No.		SIZE B	REV. C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07M26	DWG. NO. 646.4000
SCALE NONE		SHEET 3 OF 5	

1 2 3 4 5 6 7 8

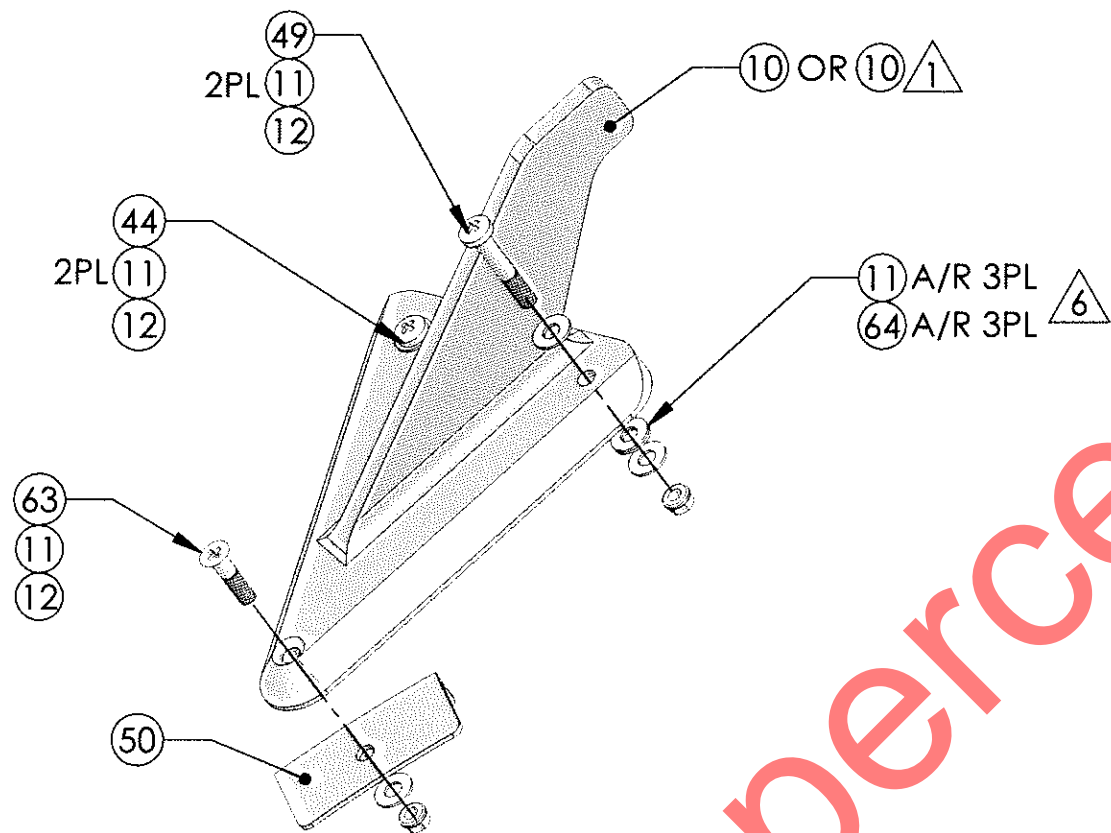
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ORIGINAL DATE (MO-DA-YR) 08-27-08		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. HUFF	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 08-27-08					
CONTRACT No.					
AS350 CABLE CUTTERS KIT					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ± .5°					
SIZE B	CAGE CODE 07M76	DWG. NO. 646.4000	REV. C		
SCALE NONE			SHEET 4 OF 5		

1 2 3 4 5 6 7 8

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DETAIL C
LH SHOWN EXPLODED
RH OPPOSITE

ORIGINAL DATE (MO-DA-YR) 08-27-08		 DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWN BY S. HUFF	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 08-27-08			
CONTRACT NO.		AS350 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE	REV.
		B 07M26	C
		646.4000	
		SCALE NONE	
		SHEET	5 OF 5